Application No.: 10/594,740 Docket No.: 3493-0179PUS1
Reply dated Error! Reference source not found. Page 2 of 9

Reply to Office Action of March 29, 2010

AMENDMENTS TO THE CLAIMS

1. - 10. (Cancelled)

11. (Currently Amended) A process for the preparation of an aqueous soluble inclusion

compound comprising one or more active substances included in one or more host molecules, the

active substance or substances not being very soluble in an aqueous medium, wherein it comprises the following successive steps:

a. bringing one or more active substances into contact with one or more host

molecules,

b. carrying out a step of molecular diffusion by bringing a dense pressurized fluid

into contact, in static mode, with the mixture obtained in step (a) in the presence of \underline{water} as \underline{a}

one or more diffusion agents agent in an amount of between 1 and 50% by weight with

respect to the total weight,

c. depressurizing and recovering the active substance/host molecular

complex thus formed,

d. carrying out a step which consists [[in]] of adding to and mixing with the active substance/host molecule molecular complex an agent for interaction with the complex under

atmospheric pressure in a semi-solid medium wherein said agent for interaction with the

complex is an acid or a base.

e. recovering the aqueous soluble inclusion compound thus formed.

12. (Previously Presented) The process as claimed in claim 11, wherein the host molecule

is chosen from the group consisting of saccharides or polysaccharides or their mixtures.

13. (Cancelled)

14. (Previously Presented) The process as claimed in claim [[13]] 11, wherein the agent

for interaction with the complex is an amino acid, a carboxylic acid or aqueous ammonia.

Docket No.: 3493-0179PUS1 Page 3 of 9

Reply dated Error! Reference source not found.

Reply to Office Action of March 29, 2010

Application No.: 10/594,740

15. (Previously Presented) The process as claimed in claim 11, wherein the dense

pressurized fluid is carbon dioxide.

16. (Previously Presented) The process as claimed in claim 11, wherein the active

substance is a pharmaceutical active principle, a cosmetic active principle or a nutraceutic active

principle.

17. (Previously Presented) The process as claimed in claim 16, wherein the active

substance is chosen from the group consisting of anilides, epipodophyllotoxins, minoxidil,

piroxicam, valeric acid, octanoic acid, lauric acid, stearic acid, tiaprofenic acid, omeprazole,

econazole, miconazole, ketoconazole, asternizole, cyclobenzaprine, nimesulide, ibuprofen,

terfenadine, domperidone, naproxen and eflucimibe.

18. (Previously Presented) The process as claimed in claim 11, wherein the pressure of

the dense fluid is between 0.5 Mpa and 50 MPa and the temperature between 0 and 200°C.

19.(Cancelled)

20. (Previously Presented) The process as claimed in claim 11, wherein step (b) of

molecular diffusion is carried out with stirring.

21. (Currently Amended) The process as claimed in claim 11, wherein the water as the

diffusion agent is added continuously or portionwise in an amount of between 1 and 50% by

weight with respect to the total weight.

22. - 25. (Cancelled)

26. (Previously Presented) The process as claimed in claim 12, wherein the host molecule

is selected from the group consisting of cyclodextrins and their mixture.

Application No.: 10/594,740 Docket No.: 3493-0179PUS1 Page 4 of 9

Reply dated Error! Reference source not found. Reply to Office Action of March 29, 2010

27. (New) The process as claimed in claim 11 wherein the agent for interaction is chosen from the group consisting of acetic acid, tartaric acid, citric acid, gluconic acid, malic acid, lactic acid, maleic acid, fumaric acid, L-lysine, L-valine, L-isoleucine, L-arginine and aqueous ammonia.